

Detailed System Design

<i>Document Review and Change Summary</i>	
<i>Version/ Review Date</i>	<i>Brief Summary of Changes From Prior Version</i>
Version 1.0 11/17/03	Original

DDCT17- Outbound Payment Return Interface

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1. Overview

1.1. Document Definitions and Naming Conventions

- Disbursement File – The interface file that is sent **to** Treasury to request the printing of checks and creation of the ACH file for EST's XML format, containing AD, EFT data.
- Disbursement Return File – The interface file that is sent **by** Treasury to the Comptroller's Office, containing WR information. Used to reconcile AD/EFT data.
- Payment Return File - The interface file that is sent back to the interfacing departments in XML Format, containing the check issue date, check /EFT number, the vendor invoice number and PRC/GAX data etc.

1.2. Document Usage

The Commonwealth must have the capacity to provide payment return information to departments that interface payment requests to NewMMARS once the Treasury has issued those payment requests. A common interface for payment return information will exist for certified departments and must be able to receive via CommBridge. The payment return file will be in XML format.

2. Publishable Specification

2.1. PYMT Document Component: PYMT_RETN_DOC

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
DOCUMENT ID							
PY_CD	PAYMENT REQUEST CODE	The document code (PRC/GAX) assigned to the document	R	VarChar	8	Example Value: PRC/GAX	TRANS-CODE
PY_DEPT	PAYMENT REQUEST DEPARTMENT CODE	The department code assigned to this document	R	VarChar	4	Example Value: DMA	TRAN-DEPT
PY_ID	PAYMENT REQUEST ID	The document ID to identify this document.	R	VarChar	20	Example Value: INTFPRC1234567890123	TRANS-NUMBER
PY_VEND_LN	PAYMENT REQUEST VENDOR LINE	The vendor line number visible that uniquely identifies each vendor line within a document.	R	Number	10	Value: 1	
PY_ACTG_LN	PAYMENT REQUEST ACCOUNTING LINE	The accounting line number that uniquely identifies each accounting line within a document	R	Number	10		
PY_COMM_LN	PAYMENT REQUEST COMMODITY LINE	The commodity line number that uniquely identifies each commodity line within a document	C	Number	10	This field is a required field if PAYMENT REQUEST CODE is equal to 'PRC'	
VEND_CD	VENDOR CODE	The unique vendor identification number assigned to this document	R	VarChar	13	Example Value: VC12345999901	VENDOR-CODE
LINE_AMT	LINE AMOUNT	The dollar amount on this line.	R	Currency	15		LINE-AMOUNT
CHK_NO	CHECK/EFT NUMBER	The number assigned to an EFT/ Check	R	VarChar	15		PAYMENT-NUMBER

Attribute	Caption	Description	R/C	Type	Size	NewMMARS Notes	MMARS Derivation Notes
CHK_AM	CHECK/EFT AMOUNT	The total amount of the payment for this vendor.	R	Currency	15		PAYMENT-AMOUNT
PAYMENT-ISSUE-DATE							
CHK_EFT_ISS_DT	Check/EFT ISSUE DATE	The day that represents when the check or electronic funds transfer was issued for this payment.	R	Date		Example Value: 2004-10-15	PAYEMNT-YEAR+ PAYEMNT-MONTH+ PAYEMNT-DAY
DISB_TYP	DISBURSEMENT TYPE	Specifies that the format is for an electronic funds transfer (EFT), a remittance advice, or a Check/Warrant.	R	Number	10	Example Value: A	FROM-OF-PAYMENT
DISB_CAT	DISBURSEMENT CATEGORY	The vendor/customer disbursement category associated with the document.	R	VarChar	4	Example Value: 100	BUSINESS-FUNC-CODE
DISB_DEPT	DISBURSMENT DOCUMENT DEPARTMENT CODE	The disbursement department code assigned to this document	R	VarChar	4	Example Value: DMA	PAYMENT-REF-DEPT
VEND_INV_NO	VENDOR INVOICE NUMBER	The invoice number from the invoice received from the vendor.	R	VarChar	30	Example Value: 1234567890123456780	PAYMENT-REF-NUMBER

2.2. Example 1 – XML Layout for Payment Return File

This is an example of a payment return XML for an interface file of a specific department.

```
<AMS_DOC_XML_EXPORT_FILE VERSION="1.0">
  <PYMT_RETN_DOC>
    <PY_CD Attribute="Y"><![CDATA[PRC]]></PY_CD>
    <PY_DEPT Attribute="Y"><![CDATA[TRE]]></PY_DEPT >
    <PY_ID Attribute="Y"><![CDATA[INTFPRC1234567890123]]></PY_ID>
    <PY_VEND_LN Attribute="Y"><![CDATA[1]]></PY_VEND_LN >
    <PY_COMM_LN Attribute="Y"><![CDATA[1]]></PY_COMM_LN >
    <PY_ACTG_LN Attribute="Y"><![CDATA[1]]></PY_ACTG_LN >
    <VEND_CD Attribute="Y"><![CDATA[VC12340000123]]></VEND_CD>
    <LINE_AMT Attribute="Y"><![CDATA[600]]></LINE_AMT >
    <CHK_NO Attribute="Y"><![CDATA[000000000000009]]></CHK_NO>
    <CHK_AM Attribute="Y"><![CDATA[600]]></CHK_AM>
    <CHK_EFT_ISS_DT Attribute="Y"><![CDATA[2003-11-01]]></CHK_EFT_ISS_DT>
    <DISB_TYP Attribute="Y"><![CDATA[A]]></DISB_TYP >
    <DISB_CAT Attribute="Y"><![CDATA[100]]></DISB_CAT>
    <DIS_DEPT Attribute="Y"><![CDATA[TRE]]></DIS_DEPT>
    <VEND_INV_NO Attribute="Y"><![CDATA[1267890]]></VEND_INV_NO>
  </PYMT_RETN_DOC>
  <PYMT_RETN_DOC>
    <PY_CD Attribute="Y"><![CDATA[GAX]]></PY_CD >
    <PY_DEPT Attribute="Y"><![CDATA[TRE]]></PY_DEPT >
    <PY_ID Attribute="Y"><![CDATA[INTFGAX1234560000123]]></PY_ID >
    <PY_VEND_LN Attribute="Y"><![CDATA[1]]></PY_VEND_LN >
    <PY_COMM_LN Attribute="Y"><![CDATA[NULL]]></PY_COMM_LN >
    <PY_ACTG_LN Attribute="Y"><![CDATA[1]]></PY_ACTG_LN >
    <VEND_CD Attribute="Y"><![CDATA[VC12340099923]]></VEND_CD>
    <LINE_AMT Attribute="Y"><![CDATA[6000]]></LINE_AMT >
    <CHK_NO Attribute="Y"><![CDATA[000000000000124]]></CHK_NO>
    <CHK_AM Attribute="Y"><![CDATA[6000]]></CHK_AM>
    <CHK_ISS_DT Attribute="Y"><![CDATA[2003-11-02]]></CHK_ISS_DT>
  </PYMT_RETN_DOC>
</AMS_DOC_XML_EXPORT_FILE>
```

```
<DISB_TYP Attribute="Y"><![CDATA[A]]></DISB_TYP >
<DISB_CAT Attribute="Y"><![CDATA[100]]></DISB_CAT>
<DIS_DEPT Attribute="Y"><![CDATA[TRE]]></DIS_DEPT>
<VEND_INV_NO Attribute="Y"><![CDATA[1234567]]></VEND_INV_NO>
</PYMT_RETN_DOC>
</AMS_DOC_XML_EXPORT_FILE VERSION="1.0">
```